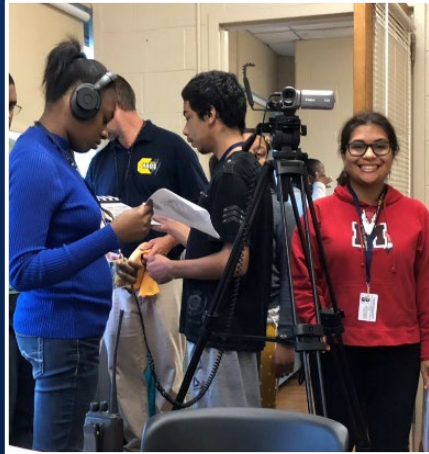


# *Vision and Perspectives on Leadership: Education Reimagined*



Presenter: Dr. Shari L. Camhi  
Superintendent of Schools  
MASA Meeting  
January 22, 2021





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DOLS

ENDORSED BY



No Child Left Behind: 2001





A word cloud featuring the word "test" in various colors (black, white, yellow, orange, red, green, pink, purple, blue) and fonts (serif, sans-serif, bold, italic, all caps, lowercase). The word is repeated many times, creating a dense, colorful background. In the bottom right corner, the AASA logo is visible, consisting of the letters "AASA" in a bold, sans-serif font, with a stylized orange and blue swoosh above it, and the text "THE SCHOOL SUPERINTENDENTS ASSOCIATION" in a smaller font below it.



## Every Student Succeeds Act: 2015



THE BIPARTISAN BILL TO FIX NO CHILD LEFT BEHIND WILL HELP

### **ENSURE OPPORTUNITY FOR ALL OF AMERICA'S STUDENTS:**

- ✓ Holds all students to high academic standards
- ✓ Prepares all students for success in college and career
- ✓ Provides more kids access to high-quality preschool
- ✓ Guarantees steps are taken to help students, and their schools, improve
- ✓ Reduces the burden of testing while maintaining annual information for parents and students
- ✓ Promotes local innovation and invests in what works

#LeadOnEducation

**AASA**  
THE SCHOOL SUPERINTENDENTS ASSOCIATION



Every Student Succeeds Act: 2015

RENEWED 2018

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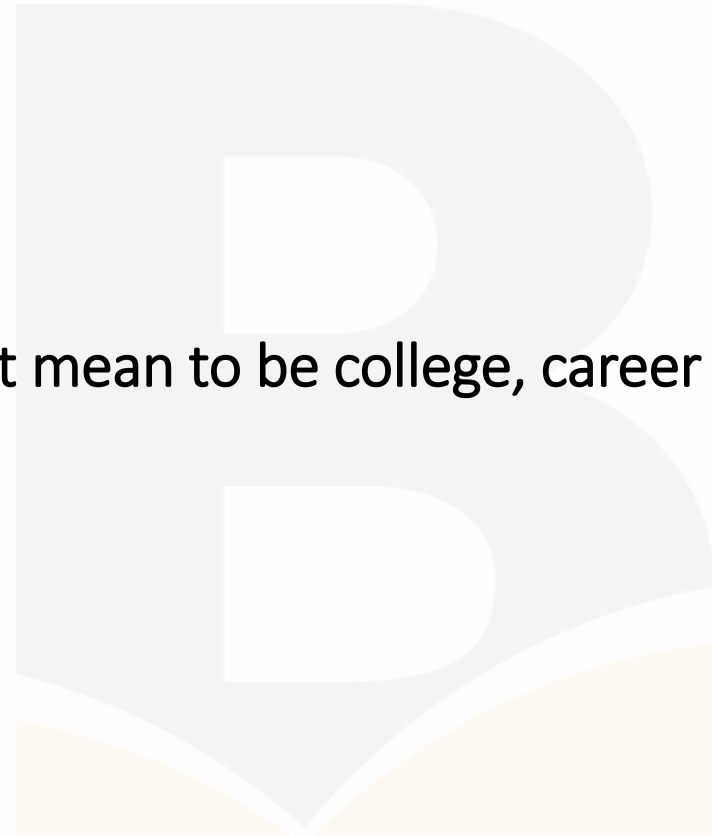


**Students are more than  
just the number they earn  
on a standardized test.**





What does it mean to be college, career and life ready?



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We looked at the research from leading educational institutions and research organizations to develop a new multi-metric, research-based definition of College and Career Ready.





The research we studied about college and career readiness led us to the following indicators...

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## College Ready Indicators

Students are **College Ready** if they meet either the academic indicators **OR** standardized testing benchmarks listed below.

---

### Academic Indicators

GPA 2.8 out of 4.0 and **one or more** of the following academic indicators:

- Advanced Placement Exam (3+)
  - Advanced Placement Course (A, B or C)
  - Dual Credit College English and/or Math (A, B or C)
  - College Developmental/Remedial English and/or Math (A, B or C)
  - Algebra II (A, B or C)
  - International Baccalaureate Exam (4+)
- 

### Standardized Testing Benchmarks (minimum score)

- SAT Exam: Math (530) | Reading and Writing (480)
  - ACT Exam: English (18) | Reading (22) | Science (23) | Math (22)
  - College Readiness Placement Assessment  
(determined by post-secondary institution)
- 

### Additional Factors that Contribute to College Success

Earning As, Bs, Cs; FAFSA completion; enrollment in career pathway course sequence; college academic advising; participation in college bound bridge programs; senior year math class; completion of a math class after Algebra II.



## Career Ready Indicators

Students are **Career Ready** if they have identified a career interest and meet two of the behavioral and experiential benchmarks listed below. In addition, students entering the military upon graduation must meet the passing scores on the Armed Services Vocational Aptitude Battery (ASVAB) for each branch of the military.

---

Career Cluster Identified and **two or more** of the following benchmarks:

- 90% Attendance
  - 25 hours of Community Service
  - Workplace Learning Experience
  - Industry Credential
  - Dual Credit Career Pathway Course
  - Two or more organized Co-Curricular Activities
-

# Redefining Ready! New York



## Proposed Graduation Options Redefining Ready! New York

### Distinguished Scholar Designation

- ✓ 3.0 GPA
- ✓ Adjudicated Performance Assessment
- ✓ 4 Academic Indicators
- ✓ 2 Career Indicators

### College & Career Ready Designation (Options)

- ✓ Minimum 2.8 GPA
- ✓ Algebra II Proficiency (A, B, C) or College Level Course (A, B, C)
- ✓ 3 Academic Indicators
- ✓ 1 Career Indicator

- ✓ Minimum 2.5 GPA
- ✓ Algebra II Proficiency (A, B, C) or College Level Course (A, B, C)
- ✓ 2 Academic Indicators
- ✓ 2 Career Indicators

- ✓ Minimum 2.0 GPA
- ✓ 2 Academic Indicators
- ✓ 3 Career Indicators

#### Academic Indicators\*

- Advanced Placement Exam (3+)
- Advanced Placement Course (A, B, or C)
- Dual Credit Course (A, B, or C)
- Algebra II Proficiency (A, B, or C)
- International Baccalaureate Exam (4+)
- Minimum ACT or SAT Score
- Seal of Biliteracy
- College Developmental/Remedial English and/or Math Course (A, B, or C)
- Regents Exams: Math 65+, ELA 65+ and Science 65+ or Social Studies 65+
- Regents Exams: Math 65+, NYSESLAT (Commanding) and Science 65+ or Social Studies 65+
- Adjudicated Performance Assessment

#### Career Indicators

- 90% Attendance
- 25 Hours of Community Service
- Workplace Learning Experience
- Industry Credential
- Dual Credit CTE Pathway Course
- Two or More Organized Co-Curricular Activities



Proposal Submitted by: Courageous NYS Redefining Ready Thought Leaders

### Career and Life Ready Designation

- ✓ 3 Academic Indicators
- ✓ 3 Career Indicators

#### Academic Indicators\*\*

- Adjudicated Performance Assessment
- Minimum 2.0 GPA
- Seal of Biliteracy
- Regents Exams: Math 55+, ELA 55+
- Regents Exams: Math 55+, NYSESLAT (Commanding)
- 2-Year CTE Course Sequence (A, B, or C)
- Career Certification Exam (Passing Grade)
- Completion of Career Cluster Sequence (A, B, or C)

#### Career Indicators

- 90% Attendance
- Workplace Learning Experience
- Industrial Credential
- 50 Hours of Community Service
- Applications Completed for OPWDD and/or ACCES VR
- Participation in Yearly Transition Assessment
- Achievement of Minimum 75% IEP Goals
- Two or More Organized Co-Curricular Activities

\*\*Academic Indicators from College and Career may also apply to Career and Life Ready

### Life Ready Designation

- ✓ 1 Academic Indicator
- ✓ 4 Career Indicators

#### Academic

- Achievement of IEP Goals
- Progress on Developmental Checklist
- NYSAA
- Adjudicated Performance Assessment

#### Career Indicators

- 80% Attendance
- Workplace Learning Experience
- 50 Hours of Community Service
- Applications Completed for OPWDD and/or ACCES VR
- Participation in Yearly Transition Assessment
- One Co- or Extra-Curricular Activity (Club or Athletic)
- Participation in One General Education Elective Credit



Proposal Submitted by: Courageous NYS Redefining Ready Thought Leaders



*College, Career and Life-  
Readiness in Baldwin UFSD:  
K-12*

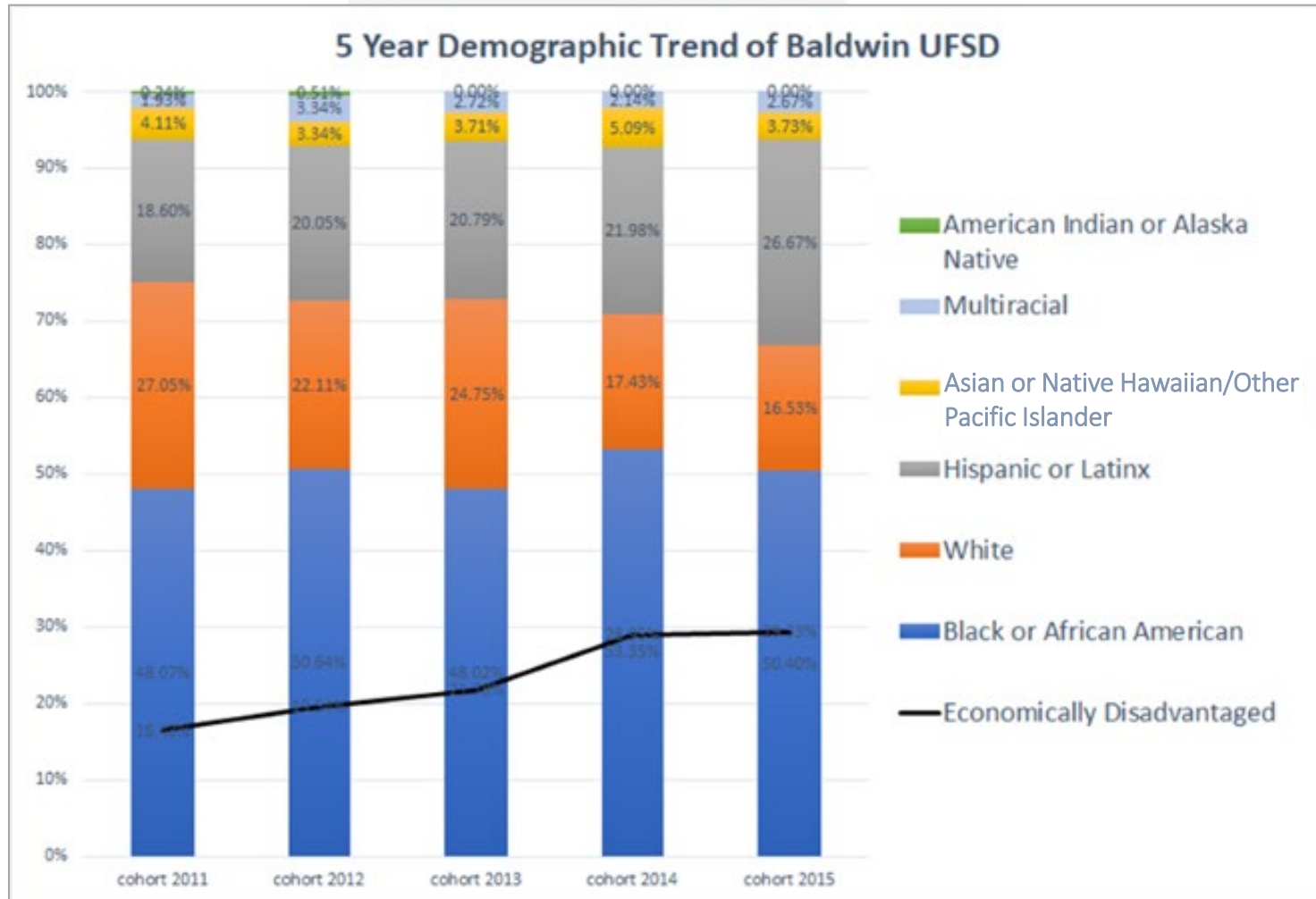
# *District at a Glance*

- Approximately 4500 students
  - Baldwin Senior High School,
  - Baldwin HS@Shubert,
  - Baldwin Middle School;
  - Five elementary schools:  
Brookside, Lenox, Meadow, Plaza,  
and Steele
- Graduation rate (as of August):
  - 2018 – 96%
  - 2019 – 98%
  - 2020 – 97%



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# District Demographics





# Secondary Level: High School

## Academic Academies

- Fine & Performing Arts
- Education
- Global Business & Entrepreneurship
- Law & Government
- Medical & Health Sciences
- New Media
- STEM/Engineering



# *Secondary Level: High School*

## *Modern-Day Curriculum for Modern-Day Learners*

- All AP, college-level, and dual enrollment courses open to all students
- Courses:
  - Droning
  - Coding
  - Robotics
  - Virtual Enterprise
  - Business and the Global Economy
  - Theatre 1
  - Criminalistics
  - EMT
  - Medical Technology
  - Radiology
  - Digital Journalism
  - Graphic Design and Marketing
  - Mindfulness
  - Introduction to Teaching
  - Contemporary Topics in Education
  - Sports Officiating
  - News Literacy (Collaboration with Stony Brook University), Grades 7-12

# Secondary Level: High School

## Academic Academies

- Focuses on college, career, and life readiness
- Teaches the skills and knowledge necessary to succeed in the emerging global community
- Pre-academies serve as prerequisite, starting in 8th grade
- Classroom environment simulates industry setting
- Opportunities for internships, shadow days, and competitions
- Bi-annual “School to Career Breakfast” with industry partners

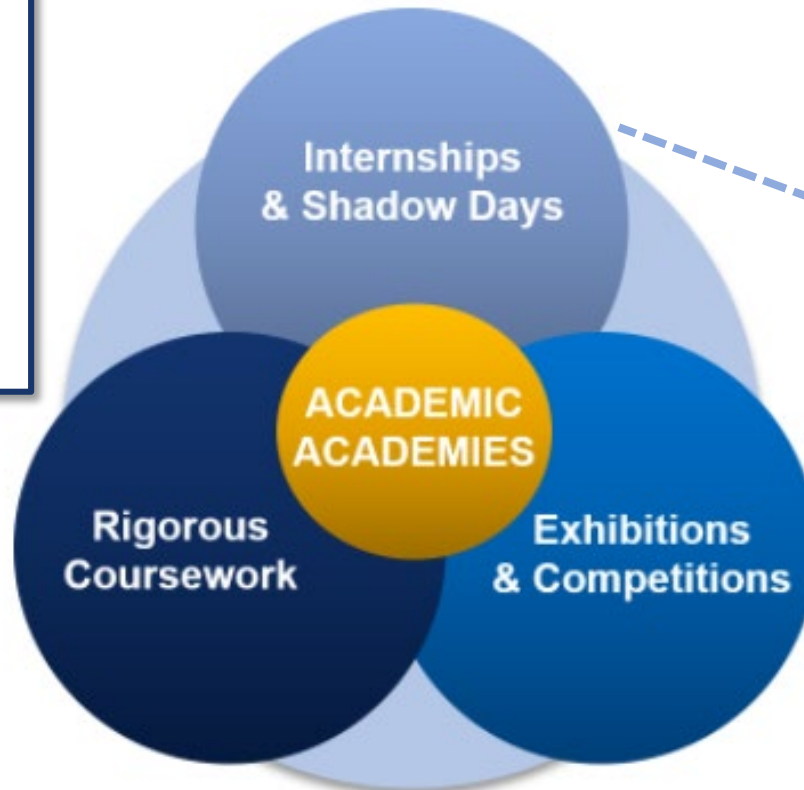


# Secondary Level: High School

## Academic Academies: Triangular Approach

**Required courses** linked to interdisciplinary instruction and capstone projects

**Electives** provide career focus to existing curriculum to enhance the development of the skills required for the chosen profession



Extracurricular clubs, shadow days, internships and competitions provide hands-on experiences to help connect the classroom to the world of work



# Law & Government Academy

## Course Sequence

### Law Track

#### First Year

##### Required:

Introduction to Law ..... Half Year

#### Second Year

##### Required:

Justice in the Modern World ..... Half Year

##### Electives:

College Level Public Speaking ..... Half Year

AP Seminar ..... Full Year

#### Third Year

##### Required:

College Level Law and Crime ..... Half Year

##### Electives:

AP Research ..... Full Year

College Level Business Law ..... Half Year

College Level Sociology ..... Half Year

College Level Psychology ..... Half Year

AP Psychology ..... Full Year

College Level Public Speaking ..... Half Year

#### Fourth Year

##### Required:

See You in Court ..... Half Year

College Level Criminalistics ..... Half Year

##### Electives:

AP Research ..... Half Year

College Level Sociology ..... Half Year

College Level Psychology ..... Half Year

AP Psychology ..... Full Year

College Level Public Speaking ..... Half Year

Senior Internship ..... Full Year

### Government Track

#### First Year

##### Required:

Introduction to Law ..... Half Year

#### Second Year

##### Required:

Justice in the Modern World ..... Half Year

##### Electives:

College Level Public Speaking ..... Half Year

AP Seminar ..... Full Year

#### Third Year

##### Required:

College Level Law and Crime ..... Half Year

##### Electives:

AP Research ..... Full Year

Facing History and Ourselves ..... Half Year

College Level Sociology ..... Half Year

College Level Psychology ..... Half Year

AP Psychology ..... Full Year

College Level Public Speaking ..... Half Year

#### Fourth Year

##### Required:

College Level Public Affairs ..... Half Year

Either: College Level Eco. Issues and Ideas ..... Half Year

Or: AP Government, Politics, and Economics ..... Full Year

##### Electives:

AP Research ..... Half Year

College Level Sociology ..... Half Year

College Level Psychology ..... Half Year

AP Psychology ..... Full Year

College Level Public Speaking ..... Half Year

Senior Internship ..... Full Year





# New Media Academy

## Course Sequence

### First Year

#### Required:

Media Production ..... Half Year

#### Elective:

Digital Journalism ..... Half Year

### Second Year

#### Required:

Introduction to New Media ..... Half Year

#### Electives:

College Level Public Speaking ..... Half Year

Digital Storytelling ..... Half Year

AP Seminar ..... Full Year

Photo 1 and/or Photo 2 ..... Half Year

### Third Year

#### Required:

AP English Language and Composition ..... Full Year

TV Studio ..... Full Year

#### Electives:

Digital Storytelling ..... Half Year

AP Research ..... Full Year

Introduction to the World of Drones ..... Half Year

Graphic Design and Marketing ..... Half Year

### Fourth Year

#### Required:

Video Production ..... Full Year

Civic Empowerment (PIG) ..... Half Year

#### Electives:

Digital Journalism ..... Half Year

AP Research ..... Full Year

AP English Literature and Composition ..... Full Year

AP English Language and Composition ..... Full Year

Introduction to the World of Drones ..... Half Year



# STEM & Engineering Academy

## Course Sequence

### First Year

#### Required:

Design and Discovery 1 ..... Half Year

Design and Discovery 2 ..... Half Year

#### Elective:

Coding 1:

Programming Concepts & Problem Solving ..... Full Year

### Second Year

#### Required:

Either College Level Robotics ..... Full Year

or College Level CAD ..... Full Year

#### Electives:

Introduction to the World of Drones ..... Half Year

Coding 1:

Programming Concepts & Problem Solving ..... Full Year

### Third Year

#### Required:

College Level Engineering ..... Full Year

#### Elective:

Introduction to the World of Drones ..... Half Year

AP Computer Science Principles ..... Full Year

### Fourth Year

#### Required:

College Level Architecture ..... Full Year

#### Electives:

Introduction to the World of Drones ..... Half Year

AP Calculus ..... Full Year

AP Computer Science Principles ..... Full Year

AP Computer Science ..... Full Year





# Global Business & Entrepreneurship Academy

## Course Sequence

### First Year

#### Required:

Business and Global Economy ..... Half Year

#### Electives:

21<sup>st</sup> Century Entrepreneurial Skills ..... Half Year

Principles of Hospitality and Tourism ..... Half Year

### Second Year

#### Required:

Personal Financial Literacy ..... Half Year

#### Elective:

21<sup>st</sup> Century Entrepreneurial Skills ..... Half Year

Sports and Entertainment Marketing ..... Half Year

### Third Year

#### Required:

Professional Business Ethics & Accounting ..... Full Year

#### Electives:

College Level Business Management ..... Full Year

College Level Business Law ..... Full Year

### Fourth Year

#### Required:

Virtual Enterprise and Senior Internship ..... Full Year

#### Electives:

College Level Accounting ..... Full Year

College Level Mathematics for Business  
and Personal Finance ..... Full Year



# Education Academy

## Course Sequence

### First Year

#### Required:

Contemporary Topics in Education ..... Half Year

#### Elective:

Mindfulness ..... Half Year

### Second Year

#### Required:

Introduction to Teaching ..... Half Year

#### Elective:

AP Seminar ..... Full Year

### Third Year

#### Required:

Critical Issues in Education ..... Full Year

#### Electives:

AP Psychology ..... Full Year

College Level Psychology ..... Half Year

AP Language and Composition ..... Full Year

AP Research ..... Full Year

### Fourth Year

#### Required:

Foundations in Education ..... Full Year

#### Electives:

AP Psychology ..... Full Year

College Level Psychology ..... Half Year

AP Literature and Composition ..... Full Year

AP Language and Composition ..... Full Year

College Level Sociology ..... Full Year

AP Research ..... Full Year





# Fine & Performing Arts Academy

## Course Sequence

### Performing Arts

#### First Year Required:

Ensemble.....Full Year

#### Second Year Required:

Ensemble.....Full Year

#### Third Year Required:

Music Theory/Ensemble.....Full Year

#### Fourth Year Required:

AP Music Theory.....Full Year

### Dramatic Arts Focus

#### First Year Required:

Art or Ensemble.....Full Year

#### Second Year Required:

Stagecraft.....Full Year

#### Third Year Required:

Theater Arts 1.....Full Year

#### Fourth Year Required:

Theater Arts 2.....Full Year

### Digital Design Focus

#### First Year Required:

Art 1.....Full Year

#### Second Year Required:

Either Photo 1 and 2.....Half Year

or Computer Graphics 1 and 2.....Half Year

Graphic Design and Marketing.....Half Year

#### Third Year Required:

Photo 3 and 4.....Half Year

Either AP Art History.....Full Year

or Advanced Computer Graphics.....Half Year

#### Fourth Year Required:

AP 2D.....Full Year

### Fine Arts

#### First Year Required:

Art 1.....Full Year

#### Second Year Required:

Art 2.....Full Year

#### Third Year Required:

Art 3.....Full Year

#### Fourth Year Required:

AP Studio.....Full Year

AP Art History.....Full Year





# Medical & Health Sciences Academy

## Course Sequence

### First Year

#### Required:

Allied Health ..... Full Year

#### Elective:

Mindfulness ..... Half Year

### Second Year

#### Required:

EMT ..... Half Year

Health ..... Half Year

#### Elective:

AP Seminar ..... Full Year

AP Environmental Science ..... Full Year

### Third Year

#### Required:

Medical Technology ..... Half Year

Radiology ..... Half Year

#### Electives:

AP Biology ..... Full Year

AP Chemistry ..... Full Year

AP Research ..... Full Year

### Fourth Year

#### Required:

Anatomy and Physiology ..... Full Year

#### Electives:

AP Biology ..... Full Year

AP Chemistry ..... Full Year

AP Research ..... Full Year



# *Medical & Health Sciences Academy*

## **Co-Curricular & Extra-Curricular Experiences**

- Shadow Days
- Spark Challenges! at Northwell Health
- Health Fairs and Symposiums

## **Community Partnerships**

- Northwell LIJ Health System
- Mercy Medical Center
- North Shore LIJ Franklin Hospital
- South Nassau Communities Hospital
- Catholic Health Services
- Hofstra University
- Molloy College
- Cold Spring Harbor Laboratory





# *Secondary Level: High School*

*Shadow Day at Mercy Medical Center*



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# SUPP

The Best of Long Island Delivered



## The Best of Long Island: Delivered



Seasonally Inspired Treats

Locally Grown Produce

Handmade Accessories

From Our Home To Yours!

# SUPPL



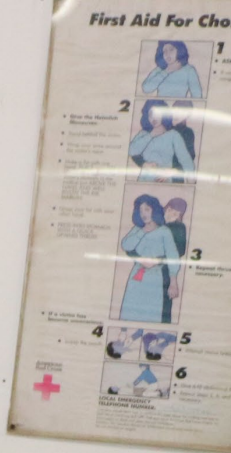














# Other Industry/College Partnerships

## *A First of Their Kind for Long Island!*

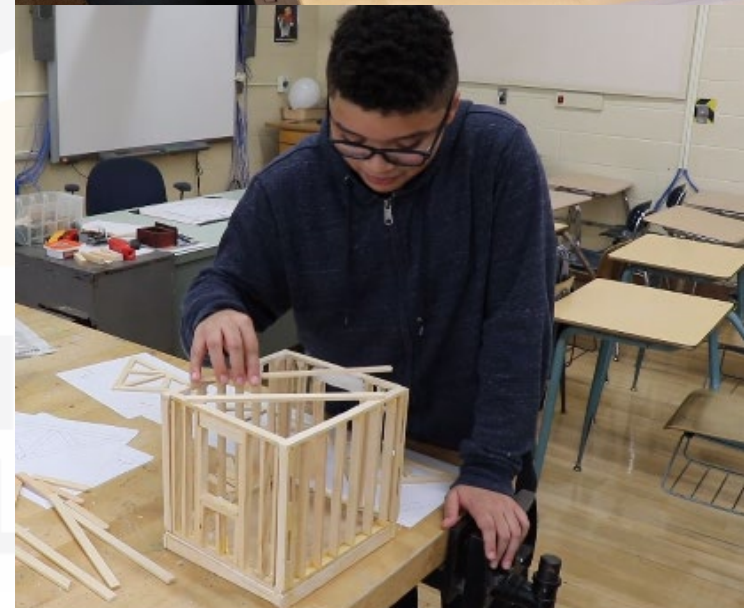
- **Simon Youth Foundation Partnership**
  - Baldwin High School@Shubert
  - Career and Technical Program with Nassau BOCES:
    - Barbering
    - Medical Administrative Assistant
    - Police Science
  - Scholarship and career opportunities
- **Community College Partnership**
  - Classes taken directly on campus for full college experience
  - 30 College Credits Obtained before high school graduation



# Secondary Level: Middle School

## Pre-Academies

- Robotics
- Theater-Improvisation
- Journalism
- Design & Architecture
- Sculpture
- Business/Stock Market
- Project Lead the Way
- Science Research
- Odyssey of the Mind
- Speech & Debate
- Public Speaking
- Video Production
- Computer Coding
- History Day

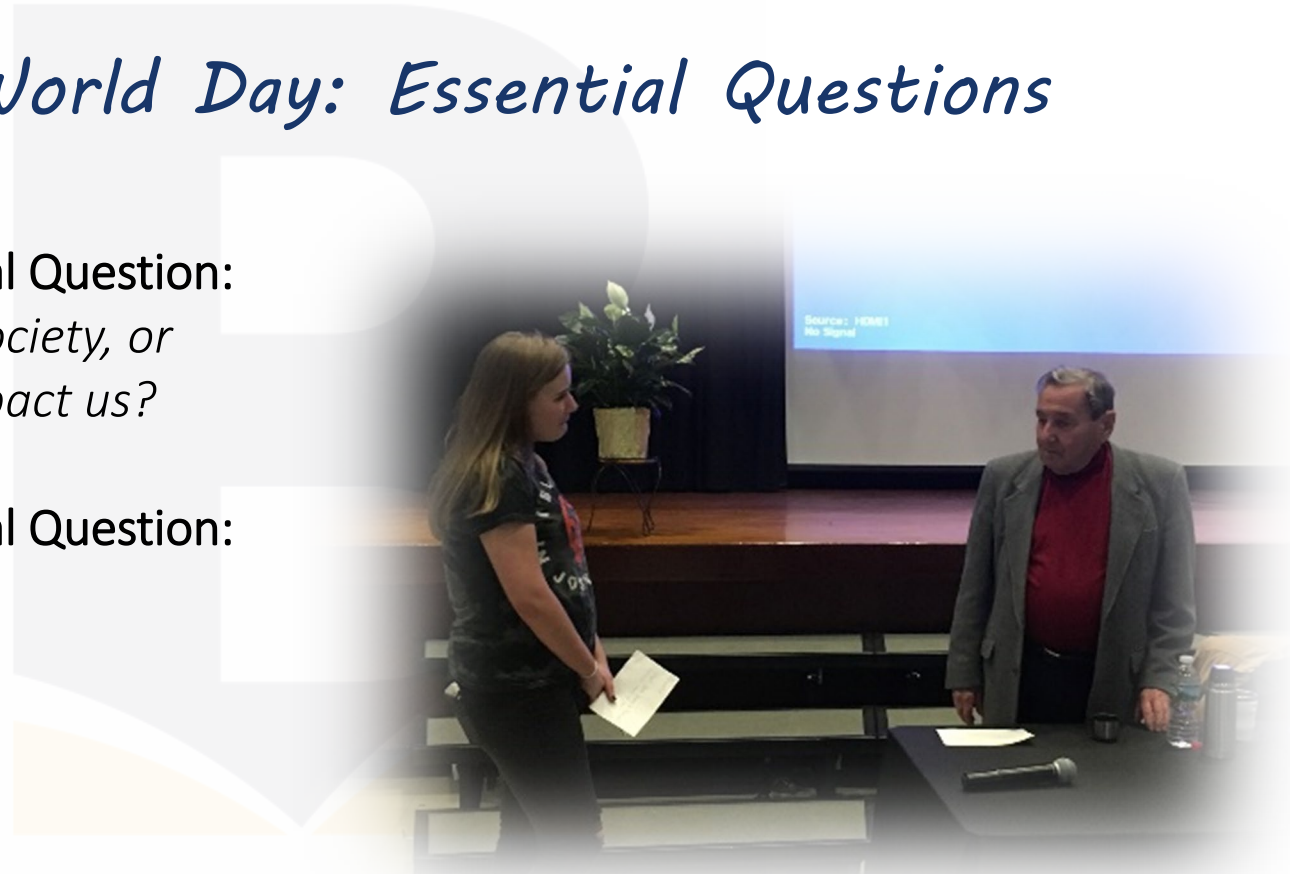




# Secondary Level: Middle School

## Better World Day: Essential Questions

- Grade 7 Essential Question:  
*Do we impact society, or does society impact us?*
- Grade 8 Essential Question:  
*Is change good?*



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# Elementary-Level

## Science Curriculum, K-5

- Curriculum designed by a scientist
- Program open to all students in K-5
- Collaborations:
  - Seatuck Environmental Association
  - Cornell Cooperative Extension
  - Theodore Roosevelt Audubon Center
- Utilizes local environment for study, from the school yard to state parks
- Each grade level focuses on a different area of study:

• Kindergarten	Schoolyard Trees
• Grade 1	Water
• Grade 2	Soil
• Grade 3	Air and Birds
• Grade 4	Sun and Energy
• Grade 5	Synthesis of Systems





# Elementary-Level

## STEAM (Science, Technology, Engineering, Art, Math)

- Integrated curriculum, explores five subject areas plus civic responsibility, social studies, and English Language Arts through the research and writing

Issue Studied	Experiment
World-Wide Water Pollution	Teams Designed Water Filtration System
Poverty and Homelessness	Teams redesigned traditional Botswanan home (rondavel)
Effects of Overusing Energy	Teams designed Solar Ovens
Climate Change	Teams evaluated human behavior



# Elementary-Level

## STEAM Learning Exhibition



DR. J. L. BROWN  
SCHOOLS



# *Secondary-Level: High School*

## *AP Environment*

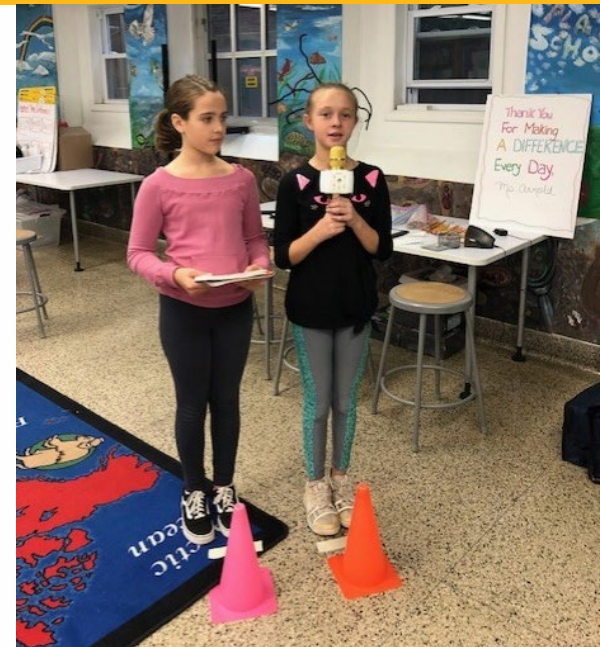


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# Elementary-Level

## Team ORCHID

- Students as producers
- Student-driven journalism
- Equal access
- Outside recognition:
  - New York State English Council's "Program of Excellence"
  - National School of Character
  - Long Island Language Arts Council's (LILAC) Annual Literacy Conference
  - New York State English Council's (NYSEC)
  - Molloy's Conference: "Conscious and Responsive Classrooms"
- PAVO Project Summit with Google





# Students as Producers



# *Students as Producers*



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# *Students as Producers: Baldwin Illuminated*





# Learning Spaces

## Redesigned Classrooms

- Uniquely redesigned learning spaces across the district
- Partnership with Office Depot (featured in case study)



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Minerals  
Atoms  
Minerals  
& Rocks

Properties of all Minerals  
• Inorganic Solid  
• Specific to Nature  
• Uniform Chemical Makeup  
• Crystalline Structure  
• Definite Arrangement of Atoms

Identifying Properties of Minerals  
• Luster  
• Hardness / Mohs Scale  
• Streak / Color  
• Cleavage / Fracture  
• Crystal Shape  
• Color  
• Taste  
• Smell  
• Reaction to Acid  
• Reaction to Heat

Igneous Rocks  
Magma  
Intrusive (Plutonic)  
Extrusive (Volcanic)

Inside Earth  
Crust  
Mantle  
Core

Outside Earth  
Crust  
Mantle  
Core

Large Crystals  
Small / No Crystals

Very Coarse Grained  
Fine Grained / Glassy  
Porphyritic

M T W T F S S  
1 2 3 4 5 6 7 8 9 10 11 12

2018  
Jan 1 - 31  
Feb 1 - 28  
Mar 1 - 31  
Apr 1 - 30  
May 1 - 31  
Jun 1 - 30  
Jul 1 - 31  
Aug 1 - 31  
Sep 1 - 30  
Oct 1 - 31  
Nov 1 - 30  
Dec 1 - 31









### Identifying Properties of Minerals

- Luster
  - Metallic / Nonmetallic
- Breakage
  - Cleavage / Fracture
- Color
  - Can Vary
- Streak
  - Always the same
- Hardness
  - Mohs
- Sp.









How did George Washington set a good precedent as our first president?



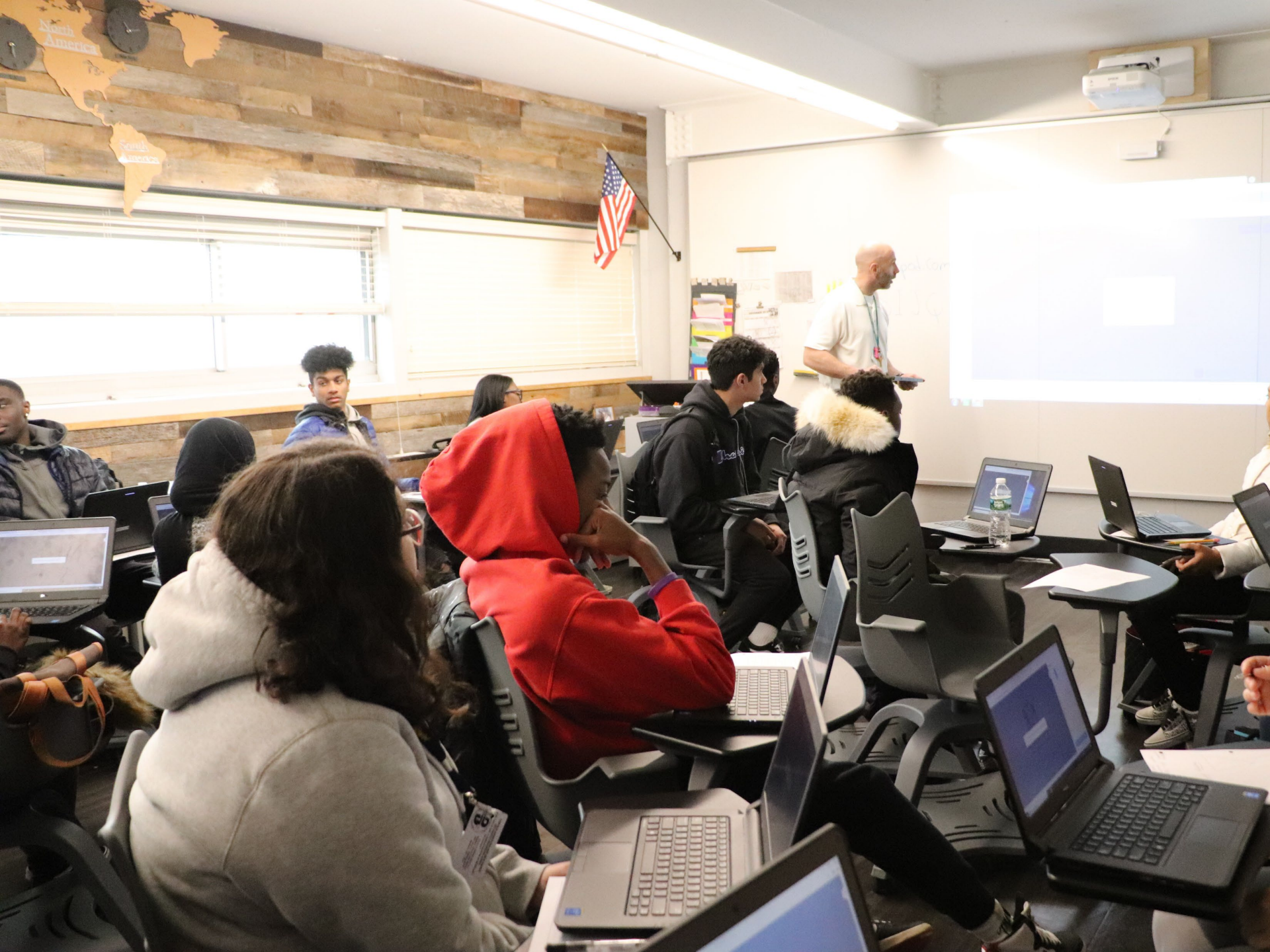












# *Learning Spaces & Technology*

## *Reactions to New Learning Environment*



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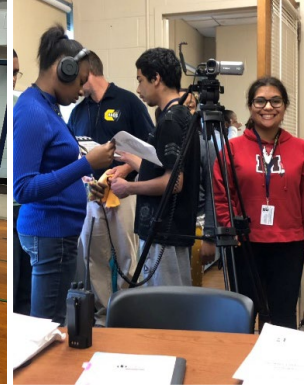
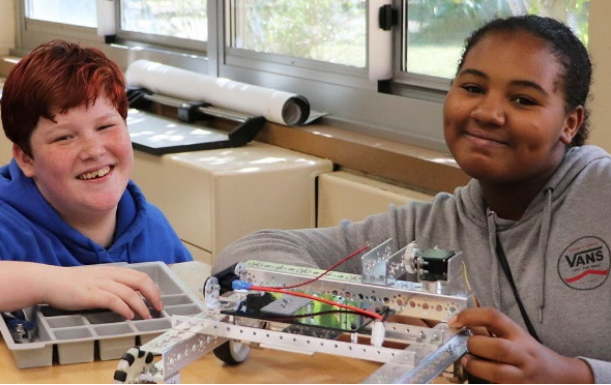


# *K-12 College, Career and Life Readiness in Baldwin UFSD 2021*

Emulates current 2021 workforce skills...  
while preparing for 2035

The logo for Baldwin Schools features a large, stylized letter 'B' in the background. The 'B' is light gray with a white outline. The bottom of the 'B' is filled with a yellow-to-white gradient. Below the 'B', the words 'BALDWIN' and 'SCHOOLS' are written in a bold, sans-serif font. 'BALDWIN' is in light gray, and 'SCHOOLS' is in a slightly darker gray.

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*We Are Innovative! We Are Inclusive!  
We Are Involved! We Are Baldwin!*

**Learn #WhatsBRUINinBaldwin!**

Visit our website: [www.baldwinschools.org](http://www.baldwinschools.org)

Facebook: [@BaldwinSchools](https://www.facebook.com/BaldwinSchools)

Twitter: [@BaldwinUFSD](https://twitter.com/BaldwinUFSD)

Instagram: [@Baldwin\\_Schools](https://www.instagram.com/Baldwin_Schools)

